

# Converting Colors

Hex(CF4298)

Have a look what the booklet for  
Hex(CF4298) contains.

<b>Hex(CF4298)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(CF4298)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CF4298
RGB	207, 66, 152
RGB Percent	81%, 26%, 60%
CMY	0.1882, 0.7412, 0.4039
CMYK	0.00, 0.68, 0.27, 0.19
HSL	323°, 59%, 54%
HSV	323°, 68%, 81%
XYZ	33.3478, 19.4288, 31.6983
YIQ	117.9630, 56.4300, 56.6380

# Conversions

## Conversions Part 2

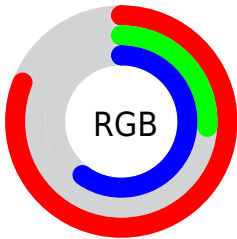
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	207, 66, 152
Decimal	13583000
CIE <sub>Lab</sub>	51.19, 63.06, -16.72
CIE <sub>LCh</sub>	51, 65.239, 345.153
Yxy	19.4288, 0.3948, 0.2300
Android (android.graphics.Color)	4291773080 (0xFFCF4298)
YUV	117.9630, 16.7802, 78.0854
Hunter-Lab	44.0781, 57.9095, -11.7830

# Details

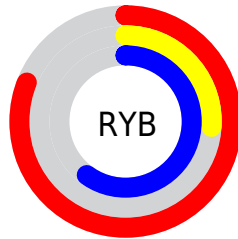
The Hex color **CF4298** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **42CF79**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **FF7CCE**, and **950065** is the 20% darker color. If you saturate the color by 10%, you get **CF2D90**, and if you desaturate by 10%, it is **CF57A0**.

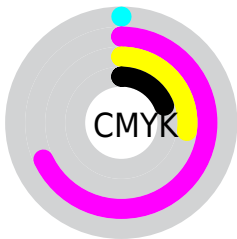
# Distribution



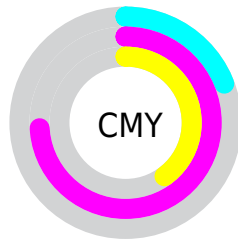
- Red (81%)
- Green (26%)
- Blue (60%)



- Red (81%)
- Yellow (26%)
- Blue (60%)



- Cyan (0%)
- Magenta (68%)
- Yellow (27%)
- Black (19%)



- Cyan (19%)
- Magenta (74%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CF4298 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color CF4298 by changing the saturation by 10% instead.



 CF4298

 CF4298

FFFFFF

 B2217E

 FF7CCE

 950065

 FF98EB

 78004D

 FFB5FF

 5C0036

 FFD2FF

 420021

 FFEFFF

 260005

 000000

 CF4298

 CF4298

 CF2D90

 CF57A0

 CF198

 CF6BA8

 CF0480

 CF80B0

 CF007E

 CF95B8

 CFA9C0

 CFBEC8

 CFD3D1

 CFE8D9

 CFFCE1

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9F5DC9



CF4298



DC3D60

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



CF4298



798000



0091C8

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



CF4298



42CF79

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



009396



CF4298



338C21

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



CF4298



AA6D00



00915B



0088E6

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CF4298



D54B3D



00915B



0092B9



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



CF4298



FFCCEB



7842CF



806174



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



CF4298



FF2EAD



CF4252



695E64



A80067



290019



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



CF4298



FF2EAD



42CFBF



695E64



A80067



290019



# Previews

## White Background



This preview shows how the Hex color CF4298 looks on a white background.

## Color Contrast Check

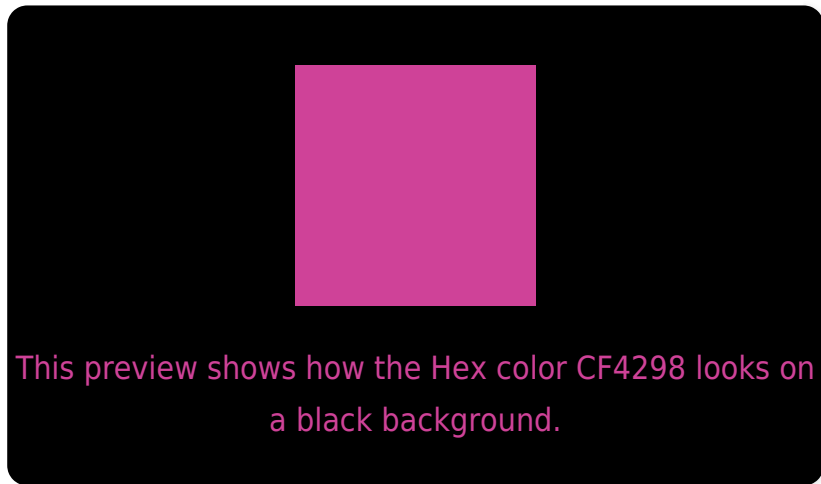
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CF4298 Background



This preview shows how black text looks on a background with the Hex color CF4298.

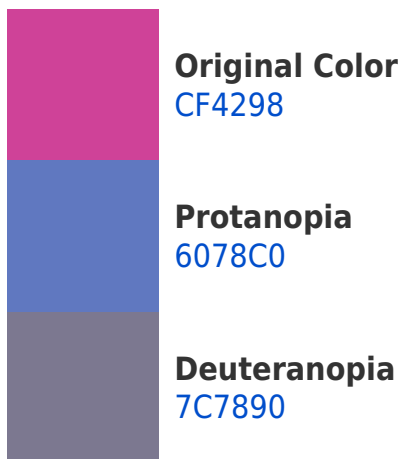


This preview shows how white text looks on a background with the Hex color CF4298.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
CF4298



**Protanomaly**  
8864B1



**Deuteranomaly**  
9A6493

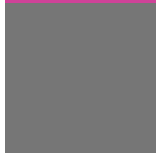


**Tritanomaly**  
CC4D6F

# Monochromacy



**Original Color**  
CF4298



**Achromatopsia**  
767676



**Achromatomaly**  
966382

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CF4298 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #CF4298 looks like.

```
.text, #text, p{  
    color:#CF4298  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #CF4298 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF4298
}
```

## Border

The CSS property to change the border of an element to Hex CF4298 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CF4298 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#CF4298 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #CF4298 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF4298; -webkit-box-shadow:4px 4px  
4px 4px #CF4298; box-shadow:4px 4px 4px  
4px #CF4298 }
```

# Background

The CSS property to change the background color of an element to Hex CF4298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF4298 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#CF4298 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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